

Axel ULLRICH et al.
NOVEL PTP-20, PCP-2, BDP1, CLK,
AND SIRP PROTEINS AND RELATED
PRODUCTS AND METHODS
Atty. Dkt. No. 034536-1481
SN 10/087,993

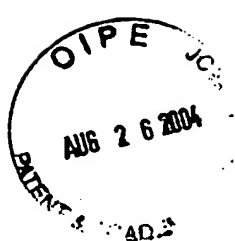
<i>Fig. 2a</i>	<i>Fig. 2b</i>
<i>Fig. 2c</i>	<i>Fig. 2d</i>

Fig. 1



1 GAATTGCGCACGAGCGGGCTGGACCTTGCTCGCCCGCGGGGCCATGAGCGCGAGCTGGACTCGG
1 H S R S L D S
121 CGCGGGCGAGTTCAGCGACATCCAGGCCTGCTCGGCGGCTGSAAGGCTGACGGGCTGTGCTCCA
26 A G E F S D I Q A C S A A W K A D G V C S
241 GCCTTATGATCAGACGCGAGTAATCCTCTCCCTGCTCCAGGAAGAGGGACACAGGACTACATTA
66 P Y D Q T R V I L S L L Q E E G H S D Y I
361 ACCCTTGCTCACACCTGCTAGACTTCTGGAGACTGGTCTGGGAGTTTGGGGTCAAGGTGATCC
106 P L P H T L L D F W R L V W E F G V K V I
481 CCAGGAGCAGGAGCCACTGCAGACTGGGCTTTTCTGCATCACTCTGATAAAGSAGAAGTGGCTGA
146 Q E Q E P L Q T G L F C I T L I K E K W L
601 TGTGTACCAGCTACAGTATATGCTCTGGCCAGACCGTGGGGTCCCCAGCAGTCTTACCACATGC
186 V Y Q L Q Y M S W P D R G V P S S P D H M
721 TGTCCACTGCAGTGGGGTTGTGGGCGAACAGGCCTCTGTGCACCGTGGATTATGTGAGGCAGC
226 V H C S A G C G R T G V L C T V D Y V R Q
841 GATGAGGAAGCAGCGGCTGCGGGCGTGAGACAGAGGAGCAGTACAGGTTCTGTACCACAGG
266 M R K Q R P A A V Q T E E Q Y R F L Y H T
961 CAAAGAGAATTGTGCCCACTCTACGACGATGCCCTCTTCTCCGAGTCCCCAGGCACTTCTCG
306 K E N C A P L Y D D A L F L R T P Q A L L
1081 GGGCCAGGOCATGGCTGACACCTAGCGGAGGAGCAGAAGCGGGGGCTCCAGGGGGCGCGGGA
346 G H A M A D T Y A E E Q K R G A P A G A G
1201 CTACAGCAAGGTGACGCGCGGCGCCAGCGACCGGGGCGACGCGGAGGACGCGAGGGGGAGCG
386 Y S K V T P R A Q R P G A H A E D A R G T
1321 CGTGGCGSGTGAGCTCAGACCGGTGGGCTAGGTTTCAACCTGCGCATTGGGAGGCCGAAGGTC
426 V A G G A Q T G G L G F N L R I G R P K G
1441 TGTGCTCTTGTGAGCTCGGACTGCTGATGCCCGGTGCTGCTGAGCGGCTGCGGAGAAATGGA
1561 TGCCCAATGACTGTAGCATTCAGGCTTGAGGCTGGAGGAGTAGCTAGGGTATAGTGGCTGGT
1681 TTATGAAGGGGAGAAGGACAGATGAGCTTCGGGAGACTGCTCTCTCACCACAGCACTAGTC
1801 GTGGATGACACTTCGCCATCCAGGCAGAACTAAGCCAGGCATAAACCAGCCAAAGCAGATTAAAC
1921 AACCTGGACAGACAGCAAAGCTTCAGAGATACAGTCCACAGGTGGACAAAGGATCCCCAGCCA
2041 AAACACAGCCCCAAAGACAGACATCTCTGCTAGCTGGACAGCCAGGTGGACCCCTAAGTTAG
2161 TCAGACCCCACTCCCTCAGGTGGGCTGGCTGGCTGACAGACCTTCTGGCCAGACAGACTCTAAC

Fig. 2a



CGCCGAGCTTCCTGAGCGGCTGGAAGCGCGGGCGGCGGAGGGGGCAGTCCT	120
A R S F L E R L E A R G G R E G A V L	26
CCGTGGCCGGCAGTCGCGCCAGAGAACGTGAGGAAGAACCGCTACAAAGACGTGCT	240
T V A G S R P E N V R K N R Y K D V L	66
ATGCAACTTCATCCGGGGGCTGGATGGAAGCCTGGCCTACATTGCCACGCAAGG	360
N G N F I R G V D G S L A Y I A T Q G	106
TGATGGCCTGTGAGAGATAGASAAATGGGCGGAAAAGGTGTGAGCGGTACTGGGC	480
L H A C R E I E N G R K R C E R Y W A	146
ATGAGSACATCATGCTCAGGACCCCTCAAGGTCACATTCCAGAAGGAGTCCCGTTC	600
N E D I M L R T L K V T F Q K E S R S	186
TGCCATGTTGAGGAAGCCCGTCCGCTCCAGGGATCTGGCCCTGAACCCCTCTG	720
L A M V E E A R R L Q G S G P E P L C	226
TGCTCTGACCCAGATGATCCACCTGACTTCAGTCTCTTTGATGTGTCCTTAA	840
L L L T Q H I P P D F S L F D V V L K	266
TGGCTCAGATGTTCTGCTCCCACTCCAGAAATGCCAGCCCCCACTACAGAACAT	960
V A Q M F C S T L Q N A S P H Y Q N I	306
CCATACCCCGCCCAACAGGAGGGGTCTCAGGAGCATCTCTGTGDCCGGTCCCC	1080
A I P R P P G G V L R S I S V P G S P	346
GTGGGACGCAGACGGGACGGGACGGGGCGGCGCAGGGCGGAGAGGCGCGCT	1200
S G T Q T G T G T G A R S A E E A P L	386
TGCCTGGCGGCTTCTGCTGACCAAGTCTGCGGATCTGGCGCTACGAGGA	1320
L P G R V P A D Q S P A G S G A Y E D	426
CCGGGACCCGCTGCTGAGTGGACCGGGTGTAACTCTAACGCCAGTTCTCTGCC	1440
P R D P P A E W T R V *	459
AACAGTGGGCTGGATCAAAGTTAAAGTTTCTCAGGGTGGGAAATGTGGGGCTT	1560
AGGCTGCACAGAGCAGATTCAAGAAAGAAGATCAGGAAGGGGCATGACCCCTGAG	1680
CATCCTCAGCACTGAGCCTCCCTCACTTGACACTCAGGGGACCAACAGASAA	1800
CCCAGGCAGACCBATAAAAGACCTCCAGATAGGCAGACAGACAGATGACCAAC	1920
GAGAGAGAGAGACCAAGCAACAGCTTGATAGACCAAGTCAGCCAGAGAGACCAAC	2040
TCAGATTACTAGACAGATATAAACAGATCCCTGCTGTAACAGATATACAGAGTTC	2160
CAACCAGATGGAATGCCAGACAGGCAGACATCAGTCCACATGGAATCCTGACATC	2280

Fig. 2b



Axel ULLRICH et al.
NOVEL PTP-20, PCP-2, BDP1, CLK,
AND SIRP PROTEINS AND RELATED
PRODUCTS AND METHODS
Atty. Dkt. No. 034536-1481
SN 10/087,993

```
2281 CCAGCCAGCCGBCAGACTCTCATCTTGATGTCTTGATGGATGGACCCAGCTAGTCAGACATGA
2401 ACAGATGGAGCCCCAGCAAAATCAGGACCTATCTAGGCAGACCCAGCCAGACCCCGCCAGACAG
2521 TACAGGTCTAA[REDACTED]AAGAAATGAGTTTTGCCATGTTGCCAGACTGGTCTTGA
2641 GGTGTGAGCCACCAGGCTCAGCCCCCTAAGATTTGAAACACTTTAAATGSCCATGGTAGGGTTC
2761 CTGTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

Fig. 2c



Axel ULLRICH et al.
NOVEL PTP-20, PCP-2, BDP1, CLK,
AND SIRP PROTEINS AND RELATED
PRODUCTS AND METHODS
Atty. Dkt. No. 034536-1481
SN 10/087,993

TCCTCCAGATTGACAGACAAGTODCCCAATGAGTACACATCTCCAGCTATTTCAG	2400
ACTCCCAACCAGACTGACCCCTTGCTGTTCACACAGCCTGCCGAGTAGCTGGGAC	2520
ACTCCCAACCTCAAGCAATCCTCTGCTCAGCCTCCCAAAGTGCTGAGATTACA	2640
CTGCTAGGATAAAACATTAAGTGGCTGTTAAAGAAATAAAAGGAGGACAGTCT	2760
	2810

Fig. 2d